A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 For Week Ended MAY 20, 1983 NO. 20

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/20/83	Last Week Ending: 05/13/83	Last Year Week Ending: 05/21/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,902	11,745	12,265	+ 157	- 363
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	70.6	69.7	70.1		
Motor Gasoline					
Total motor gasoline production	6,409	6,497	6,313	- 88	+ 96
Finished leaded motor gasoline production	2,882	2,881	*N/A*	+ 1	*N/A*
Finished unleaded motor gasoline production	3,527	3,616	*N/A*	- 89	*N/A*
Total motor gasoline stocks	223,862	225,698	213,722	- 1,836	+ 10,140
Finished leaded motor gasoline stocks	90,695	91,304	*N/A*	- 609	*N/A*
Finished unleaded motor gasoline stocks	94,356	94,392	85,038	- 36	+ 9,318
Distillate Fuel Oil					
Distillate fuel oil production	2,356	2,501	2,815	- 145	- 459
Distillate fuel oil stocks	109,652	109,023	108,661	+ 629	+ 991
Residual Fuel Oil					
Residual fuel oil production	897	1,049	1,098	- 152	- 201
Residual fuel oil stocks	47,805	47,829	55,068	- 24	- 7,263
Imports					
Crude oil imports	3,081	2,718	3,475	+ 363	- 394
Product imports	1,438	1,885	1,234	- 447	+ 204
Crude Oil Stocks					
Crude oil stocks	360,242	359,992	367,988	+ 250	- 7,746

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MAY* 20, 1983 **NO.** 20

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,168	967	1,007	1,569	64.2
Appal. No. 1	93	90	91	98	92.9
DISTRICT 1 TOTAL	1,261	1,057	1,098	1,667	65.9
Appal. No. 2	57	52	57	66	86.4
Ind., Ill., Ky.	1,809	1,610	1,673	2,399	69.7
Minn., Wis., Daks.	217	208	216	293	73.7
Okla., Kans., Mo.	750	698	698	858	81.4
DISTRICT 2 TOTAL	2,833	2,568	2,644	3,616	73.1
Inland Texas	525	430	459	592	77.5
Texas Gulf Coast	3,137	2,831	2,912	4,164	69.9
La. Gulf Coast	2,090	1,787	1,876	2,748	68.3
N. La. and Ark.	191	168	188	314	59.9
New Mexico	106	88	90	117	76.9
DISTRICT 3 TOTAL	6,049	5,304	5,525	7,935	69.6
DISTRICT 4 TOTAL	471	410	420	553	75.9
DISTRICT 5 TOTAL	2,196	2,140	2,215	3,083	71.8
TOTAL U.S.	12,810	11,479	11,902	16,854	70.6
TOTAL U.S. Weeks Ended:					
MAY 13, 1983	12,896	11,405	11,745	16,854	69.7
MAY 21, 1982	13,061	11,964	12,265	17,492	70.1
DISTRICTS 1–4 Weeks Ended:					
MAY 20, 1983	10,614	9,339	9,687	13,771	70.3
MAY 13, 1983	10,609	9,277	9,578	13,771	69.6
MAY 21, 1982	10,960	9,893	10,175	14,408	70.6

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	581	214	367	15	26	210	90
Appal. No. 1	37	17	20	2	--	24	5
DISTRICT 1 TOTAL	618	231	387	17	26	234	95
Appal. No. 2	35	16	19	1	2	13	1
Ind., Ill., Ky.	1,112	493	619	18	74	258	52
Minn., Wis., Daks.	123	56	67	3	5	46	6
Okla., Kans., Mo.	455	274	181	5	23	155	6
DISTRICT 2 TOTAL	1,725	839	886	27	104	472	65
Inland Texas	294	142	152	28	17	122	18
Texas Gulf Coast	1,549	636	913	62	178	675	237
La. Gulf Coast	983	423	560	14	187	321	109
N. La. and Ark.	65	34	31	8	--	53	12
New Mexico	44	23	21	25	1	25	3
DISTRICT 3 TOTAL	2,935	1,258	1,677	137	383	1,196	379
DISTRICT 4 TOTAL	221	122	99	16	24	124	10
DISTRICT 5 TOTAL	910	432	478	56	221	330	348
TOTAL U.S.	6,409	2,882	3,527	253	758	2,356	897
TOTAL U.S. Weeks Ended:							
MAY 13, 1983	6,497	2,881	3,616	239	751	2,501	1,049
MAY 21, 1982	6,313	*N/A*	*N/A*	182	651	2,815	1,098
DISTRICTS 1–4 Weeks Ended:							
MAY 20, 1983	5,499	2,450	3,049	197	537	2,026	549
MAY 13, 1983	5,421	2,412	3,009	187	538	2,114	624
MAY 21, 1982	5,438	*N/A*	*N/A*	134	488	2,466	766

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 20, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,899	3,021	2,878	--	139	976	4,875	2,275	--
Central Atlantic	29,782	12,063	13,536	4,183	751	5,004	19,007	14,281	12,449
Lower Atlantic	29,301	14,999	14,134	168	258	4,224	13,253	3,740	631
DISTRICT 1 TOTAL	64,982	30,083	30,548	4,351	1,148	10,204	37,135	20,296	13,080
DISTRICT 2 TOTAL	64,414	27,737	28,070	8,607	1,582	7,288	30,411	4,059	19,792
DISTRICT 3 TOTAL	62,264●	21,206●	24,421●	16,637	2,830	10,204●	29,683●	12,413	48,560
DISTRICT 4 TOTAL	7,289	2,926	1,606	2,757	344	695	2,733	516	3,117
DISTRICT 5 TOTAL	24,913	8,743	9,711	6,459	1,463	6,330	9,690	10,521	24,525
TOTAL U.S.	223,862	90,695	94,356	38,811	7,367	34,721	109,652	47,805	109,074
TOTAL U.S.									
Weeks Ended:									
MAY 13, 1983	225,698●	91,304●	94,392●	40,002	7,065	35,138●	109,023●	47,829	110,708
MAY 21, 1982	213,722	*N/A*	85,038	*N/A*	6,060	34,808	108,661	55,068	117,199
DISTRICTS 1-4									
Weeks Ended:									
MAY 20, 1983	198,949	81,952	84,645	32,352	5,904	28,391	99,962	37,284	84,549
MAY 13, 1983	200,352●	82,253●	84,571●	33,528	5,543	29,003●	99,295●	37,077	86,093
MAY 21, 1982	189,148	*N/A*	76,639	*N/A*	4,890	28,791	97,740	46,293	88,751

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 20, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *DEC* 1982.	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAY 20, 1983	5,906.0	5,821.0	2,822	232	274,618
MAY 13, 1983	5,906.0	--	2,444	206●	271,693●
MAY 6, 1983	5,893.5	--	2,776	236	272,390
APR. 29, 1983	5,893.5	--	2,348	273	270,450
DISTRICT 5 TOTAL					
MAY 20, 1983	2,820.5	2,780.0	259	7	85,624 *
MAY 13, 1983	2,820.5	--	274	7	88,299
MAY 6, 1983	2,818.5	--	145	--	85,456
APR. 29, 1983	2,818.5	--	334	14	87,693
TOTAL U.S.					
MAY 20, 1983	8,726.5	8,601.0	3,081	239	360,242 *
MAY 13, 1983	8,726.5	--	2,718	213●	359,992●
MAY 6, 1983	8,712.0	--	2,921	236	357,846
APR. 29, 1983	8,712.0	--	2,682	287	358,143
MAY 21, 1982	8,711.7	--	3,475	181	367,988

*INCLUDES 30,358 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY. 20, 1983	18,040	80,316	160,923	15,339	274,618	85,624 *	360,242 *
MAY. 13, 1983	17,626	80,167	158,792●	15,108	271,693●	88,299	359,992●
MAY. 21, 1982	20,427	79,632	161,322	14,740	276,121	91,867	367,988

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oils[3]	Other	Total
New England	--	--	--	--	--	--	139	7	--	--	146
Central Atlantic	88	32	56	--	9	60	347	8	104	136	752
Lower Atlantic	--	--	--	--	--	--	170●	--	--	--●	170
DISTRICT 1 TOTAL											
MAY 20, 1983	88	32	56	--	9	60	656	15	104	136	1,068
MAY 13, 1983	406	351	55	--	12	45	568●	10	54	63●	1,158
MAY 6, 1983	206	150	56	--	14	88	660	9	216	92	1,285
APR. 29, 1983	84	28	56	--	26	51	814	--	2	71	1,048
DISTRICTS 2-4 TOTAL											
MAY 20, 1983	15	15	--	--	--	--	55	157	38	26	291
MAY 13, 1983	40	40	--	--	--	4	9	172	335	57	617
MAY 6, 1983	6	6	--	--	--	--	16	174	29	74	299
APR. 29, 1983	10	10	--	--	--	--	36	240	73	100	459
DISTRICT 5 TOTAL											
MAY 20, 1983	33	25	8	--	2	7	11	17	--	9	79
MAY 13, 1983	67	59	8	--	3	6	11	15	--	8	110
MAY 6, 1983	39	32	7	--	1	7	12	12	--	8	79
APR. 29, 1983	65	57	8	--	3	7	11	4	--	8	98
TOTAL U.S.	136	72	64	--	11	67	722	189	142	171	1,438
TOTAL U.S. Weeks Ended:											
MAY 13, 1983	513	450	63	--	15	55	588●	197	389	128●	1,885
MAY 6, 1983	251	188	63	--	15	95	688	195	245	174	1,663
APR. 29, 1983	159	95	64	--	29	58	861	244	75	179	1,605
MAY 21, 1982	145	*N/A*	63	--	10	135	613	160	154	17	1,234

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

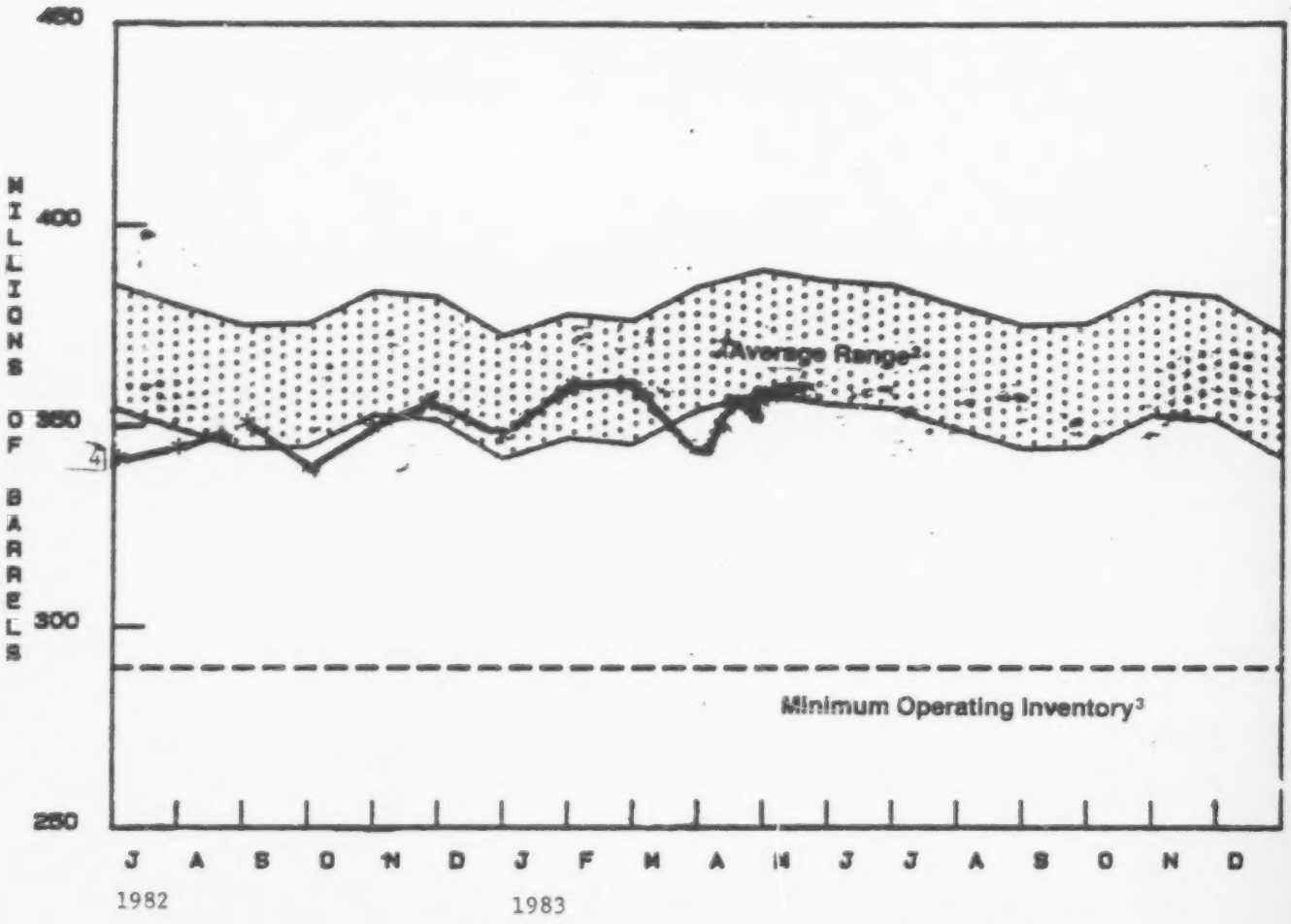
API STATISTICAL BULLETIN
WEEK ENDED: MAY 20, 1983

REVISIONS

5/13/83	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	64,142
			TOTAL U.S.	225,698
			DISTRICTS 1-4	200,352
		LEADED MGAS	DISTRICT 3 TOTAL	22,189
			TOTAL U.S.	91,304
			DISTRICTS 1-4	82,253
		UNLEADED MGAS	DISTRICT 3 TOTAL	25,360
			TOTAL U.S.	94,392
			DISTRICTS 1-4	84,571
		KEROSINE JET	DISTRICT 3 TOTAL	10,305
			TOTAL U.S.	35,138
			DISTRICTS 1-4	29,003
		DISTILLATE FUEL	DISTRICT 3 TOTAL	28,335
			TOTAL U.S.	109,023
			DISTRICTS 1-4	99,295
	PAGE 4 TOP	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	206
			TOTAL U.S.	213
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	271,693
			TOTAL U.S.	359,992
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 3	158,792
		TOTAL	TOTAL PAD DISTRICTS 1-4	271,693
		TOTAL	TOTAL U.S.	359,992
	PAGE 5	RESIDUAL FUEL	LOWER ATLANTIC	144
			DISTRICT 1 TOTAL	568
			TOTAL U.S.	588
		OTHER	LOWER ATLANTIC	20
			DISTRICT 1 TOTAL	63
			TOTAL U.S.	128

Week Ended May 20, 1983

Crude Oil Stocks at Primary Level[1-5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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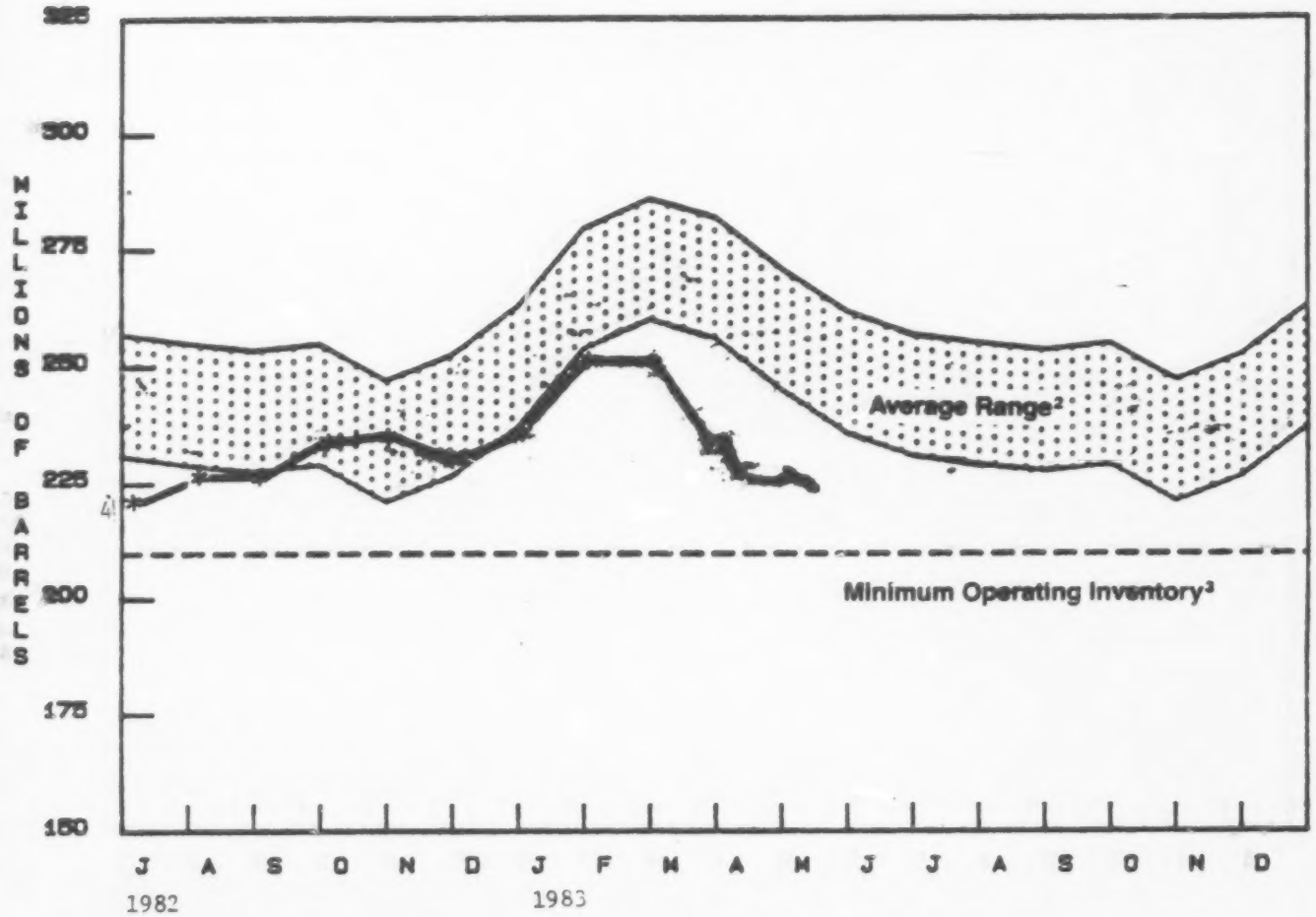
Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

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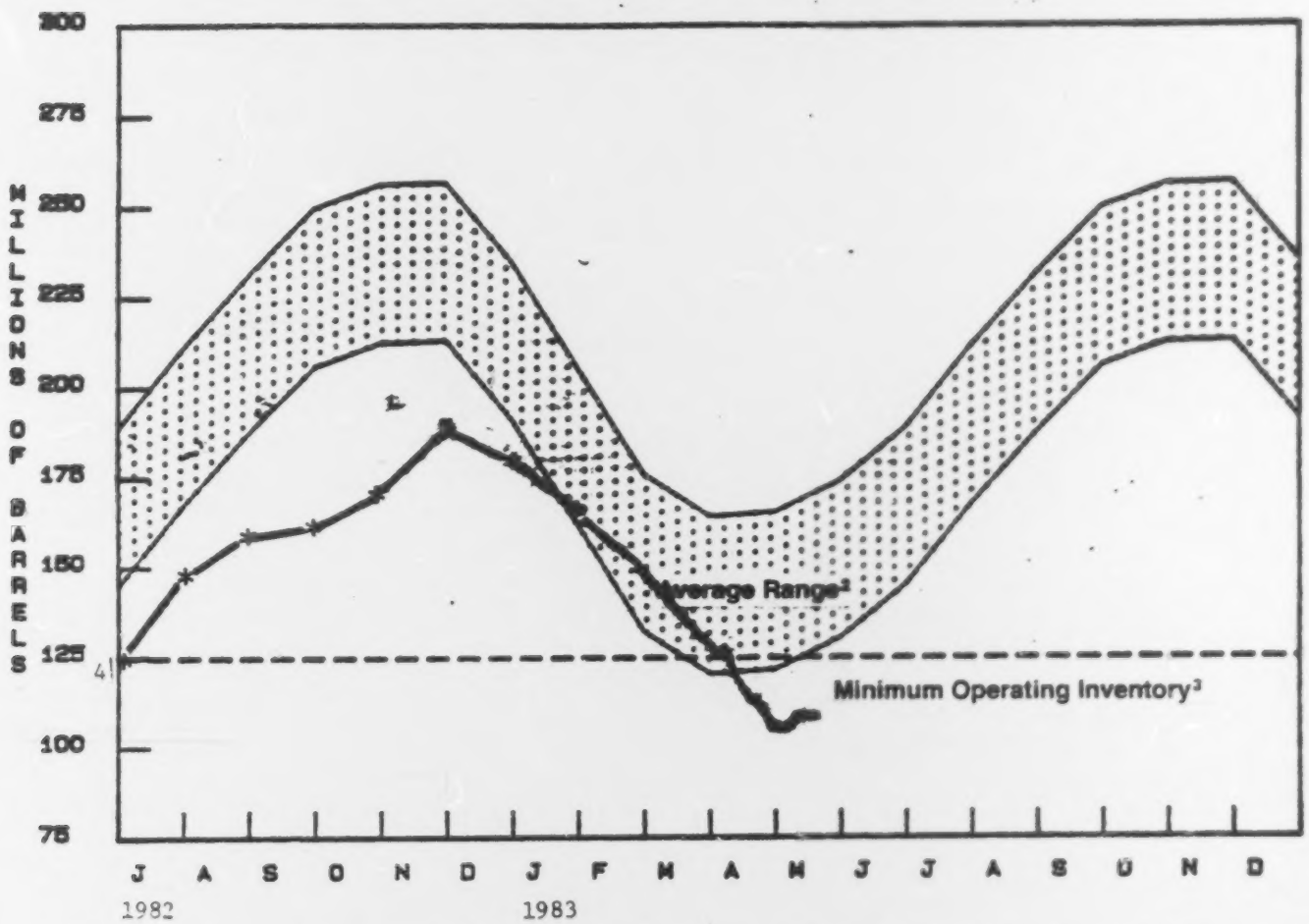
Distillate Fuel Oil Stocks at Primary Level[1, 5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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